

Getting Ready For *Mathematics*

Your Name		
A Level Mathematics	Algebra Required for A Level	Edexcel

We are delighted you have chosen to study Mathematics at Haywards Heath College.

Instructions: This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you **about 4 hours to complete**.
- should be handed into your teacher when teaching starts **from 14th September 2020** with your name on it for assessment.
- are also available on the internet – follow the links in the document.

If you need help: The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at info@haywardsheath.ac.uk telling us which Getting Ready For pack you are working on and what help you need. Help is available throughout the summer holidays.

Skills Focus for this Getting Ready for Pack	
The ability to choose the correct method to solve a problem. Your quality of English communication when a written answer is required. Clarity of mathematical communication – how well you show your workings and lay out your work. Accuracy of numerical calculations. Marking and correcting your work, revising any topics you have forgotten.	GCSE subject knowledge, including: Algebra Surds Solving Quadratics Solving Simultaneous Equations Pythagoras Trigonometry

Target Grade	Type of task	Task and subject specific skill reference	Deadline
All	Research	Information and Help Read this document before you start. You may not need to access any of the additional help and can get straight on with the questions below. http://tinyurl.com/2019GRFPInfo	You do not have to hand anything in for this task
All	Revision questions	GCSE Questions Answer all of the questions (on lined paper) and bring your work to your first maths lesson. Answers are provided so use a different coloured pen to mark and correct your work. There is also a Self-Assessment test which you should mark yourself. http://tinyurl.com/2019GRFPTask	from 14th September 2020
Grade 8 or 9 at GCSE	Worksheet	Extension Work (If you have a high GCSE grade you should certainly have a go at this) If you are not currently signed up to do Further Maths but would like to try some more challenging algebra, then have a look at this sheet of questions. http://tinyurl.com/2019GRFPExtension	from 14th September 2020

Notes:

Clearly label all pages with your name and arrange them in the correct order. You do not need to print the question sheets although you may choose to do so for your own records. Please do not hand in the question sheets.

If you found these worksheets straightforward, have you considered signing up for Further Maths? It's not too late to sign up (subject to numbers). If you get an 8 or a 9 in your GCSE, ask about Further Maths at enrolment (you can do Further Maths as a 4th subject).

If you found these worksheets really challenging and weren't able to answer the self-assessment test you might want to consider the Statistics course. Please ask for advice at enrolment.